

*JFW*

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> <b>(Under 37 CFR 1.97(b) or 1.97(c))</b>	Docket No. UCT-0041
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In Re Application Of: **Quing Zhu**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/764,268	January 23, 2004	NYA	23413	3737	6179

Title: **METHOD OF MEDICAL IMAGING USING COMBINED NEAR INFRARED DIFFUSIVE LIGHT AND  
ULTRASOUND**



Address to:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**37 CFR 1.97(b)**

1.  The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

**37 CFR 1.97(c)**

2.  The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
  - the statement specified in 37 CFR 1.97(e);
  - OR**
  - the fee set forth in 37 CFR 1.17(p).

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
 (Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
 UCT-0041

In Re Application: Quing Zhu

AUG 30 2004

PATENT & TRADEMARK  
OFFICE

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10/764,268	January 23, 2004	NYA	23413	3737	6179

Title: METHOD OF MEDICAL IMAGING USING COMBINED NEAR INFRARED DIFFUSIVE LIGHT  
 ULTRASOUND

**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of \_\_\_\_\_ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 06-1130 as described below.
  - Charge the amount of \_\_\_\_\_
  - Credit any overpayment.
  - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

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\_\_\_\_\_  
 Signature

David E. Rodrigues  
 Registration No. 50,604  
 (860) 286-2929

Dated: August 27, 2004

CC:



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Quing Zhu )  
 Serial No.: 10/764,268 ) Group Art Unit: 3737  
 Filing Date: January 23, 2004 )  
 For: METHOD OF MEDICAL IMAGING USING )  
     COMBINED NEAR INFRARED DIFFUSIVE )  
     LIGHT AND ULTRASOUND )

Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §§ 1.56, 1.97 AND 1.98**

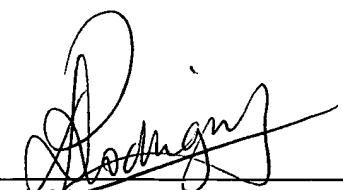
Sir:

In compliance with the duty to disclose, submitted herewith is form PTO-A820 (PTO-1449) listing publication(s) of which those designated by 37 CFR § 1.56 are aware. Copies of the non-United States patents or published applications are enclosed.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, or an admission that the information cited is, or is considered to be, material to patentability.

Respectfully submitted,

CANTOR COLBURN LLP

By:   
 David E. Rodrigues  
 Registration No. 50,604

Date: August 27, 2004  
 Customer No.: 23413  
 Telephone: (860) 286-2929

**INFORMATION DISCLOSURE CITATIONS**  
*(Use several sheets if necessary)*

Docket Number (Optional)  
**UCT-0041**

Application Number  
**10/764,268**

Applicant(s)  
**Quing Zhu**

Filing Date  
**January 23, 2004**

Group Art Unit  
**3737**

AUG 30 2004  
 PATENT & TRADEMARK OFFICE

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		<b>6,264,610</b>	<b>07/24/01</b>	<b>Zhu</b>			
		<b>6,524,254</b>	<b>10/02/01</b>	<b>Kenneth Erikson</b>			
		<b>6,690,958</b>	<b>05/07/02</b>	<b>Walker et al.</b>			
		<b>6,752,763</b>	<b>08/19/99</b>	<b>Donald B. Gorshing</b>			

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	<b>WO2003000137</b>	<b>03.01.2003</b>	<b>PCT</b>				
	<b>WO2003055383</b>	<b>10.07.2003</b>	<b>PCT</b>				
	<b>WO2003077744</b>	<b>25.09.2003</b>	<b>PCT</b>				

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*

	Huang et al., "Dual-mesh optical tomography reconstruction method with a depth correction that uses a priori ultrasound information", Applied Optics, Vol. 43, No. 8, pages 1654-1662, 10 March 2004
	Q. Zhu et al., "Imager that combines near-infrared diffusive light and ultrasound", Optics Letters, Vol. 24, No. 15, pages 1050-1052 August 1, 1999

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) UCT-0041	Application Number 10/764,268
		Applicant(s) Quing Zhu	Filing Date January 23, 2004
*EXAMINER INITIAL	OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
	Danen et al., "Regional Imager for Low-Resolution Functional Imaging of the Brain with Diffusing Near-Infrared Light", Photochemistry and Photobiology, 1998, 67(1): pages 33-40		
	Zhu et al., Imaging tumor angiogenesis by use of combined near-infrared diffusive light and ultrasound", Optics letters, Vol. 28 No. 5, pages 337-339 March 1, 2003		
	Chen et al., "Simultaneous near-infrared diffusive light and ultrasound imaging", Applied Optics, Vol. 40 No. 34, pages 6367-6380 December 1, 2001		
	Ebers et al., " Thermal Stability of Polyester-Styrene Resin Systems", Industrial and Engineering Chemistry, Vol. 42, No. 1, Pages 114-119 January 1950		
	Zhu et al., "Ultrasound-Guided Optical Tomographic Imaging of Malignant and Benign Breast Lesions: Initial Clinical Results of 19 Cases" Neoplasia Vol. 5 No. 5, Pages 1-11 July 18, 2003		
EXAMINER		DATE CONSIDERED	

**\*EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.